



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 3

Test Date: March 2008
Code: 12491712
SAU: MSAD 55
School: Baldwin Consolidated School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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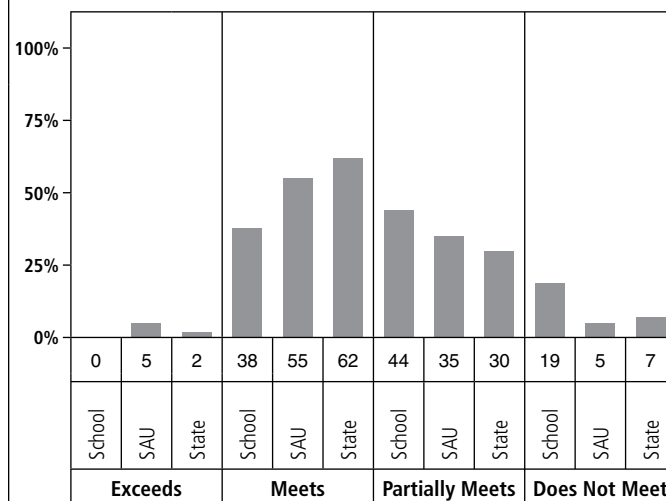
SUMMARY OF SCORES

Test Date: March 2008
Grade: 3
SAU: MSAD 55
School: Baldwin Consolidated School

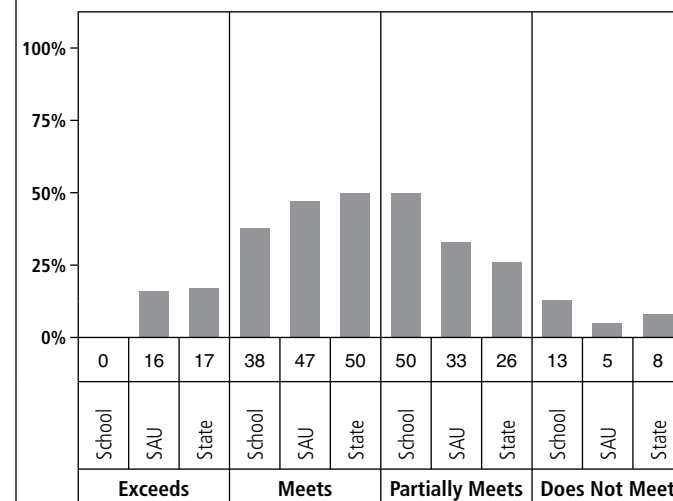
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	349	345	345
2006–2007	344	345	345
2007–2008	342	346	344
Cum. Avg. *	345	345	345
Mathematics			
2005–2006	343	342	344
2006–2007	340	346	347
2007–2008	338	347	347
Cum. Avg. *	340	345	346

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 3
 SAU: MSAD 55
 School: Baldwin Consolidated School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	16	100	84	100	13803	100	16	100	84	100	13714	99	16	100	84	100	13710	99												
Ethnicity African American/Black	0	0	0	0	399	3	0	0	0	0	391	98	0	0	0	0	392	98												
American Indian or Native Alaskan	0	0	1	1	116	1	0	0	1	100	114	99	0	0	1	100	114	99												
Asian or Pacific Islander	1	6	1	1	210	2	1	100	1	100	205	98	1	100	1	100	206	98												
Hispanic	0	0	0	0	162	1	0	0	0	0	158	98	0	0	0	0	159	98												
Caucasian/White	15	94	82	98	12916	94	15	100	82	100	12846	100	15	100	82	100	12839	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	3	19	18	21	2358	17	3	100	18	100	2333	99	3	100	18	100	2329	99												
Current LEP	1	6	1	1	371	3	1	100	1	100	357	96	1	100	1	100	361	98												
Economically disadvantaged	6	38	37	44	5584	40	6	100	37	100	5535	99	6	100	37	100	5530	99												
Migrant	0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	13	81	65	77	10650	77	13	81	65	77	10678	77												
Identified disability (PET/IEP)	1	8	6	9	475	4	1	8	6	9	479	4												
LEP	0	0	0	0	151	1	0	0	0	0	149	1												
504 plan	0	0	1	2	83	1	0	0	1	2	85	1												
Participation with accommodations	3	19	18	21	2936	21	3	19	18	21	2911	21												
Identified disability (PET/IEP)	2	67	11	61	1735	59	2	67	11	61	1729	59												
LEP	1	33	1	6	197	7	1	33	1	6	208	7												
504 plan	0	0	0	0	49	2	0	0	0	0	47	2												
Other	0	0	6	33	986	34	0	0	6	33	958	33												
Participation through alternate assessment (PAAP)	0	0	1	1	123	1	0	0	1	1	121	1												
Identified disability (PET/IEP)	0	0	1	100	123	100	0	0	1	100	121	100												
LEP	0	0	0	0	4	3	0	0	0	0	4	3												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	9	0	0	0	0	0	12	0												
Non-participation – other	0	0	0	0	80	1	0	0	0	0	81	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 3
SAU: MSAD 55
School: Baldwin Consolidated School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 361–380)	2005-2006	1	5	4	4	352	3
	2006-2007	1	5	2	2	332	2
	2007-2008	0	0	4	5	227	2
	Cum. Total*	2	4	10	4	911	2
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 341–360)	2005-2006	15	79	55	60	8641	62
	2006-2007	14	64	67	68	8691	63
	2007-2008	6	38	46	55	8403	62
	Cum. Total*	35	61	168	62	25735	62
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 331–340)	2005-2006	3	16	28	30	3671	27
	2006-2007	3	14	24	24	3781	27
	2007-2008	7	44	29	35	4018	30
	Cum. Total*	13	23	81	30	11470	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 300–330)	2005-2006	0	0	5	5	1163	8
	2006-2007	4	18	5	5	1021	7
	2007-2008	3	19	4	5	938	7
	Cum. Total*	7	12	14	5	3122	8

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	46	100	25.3	55.0	28.6	62.2	27.6	60.0
Literary Text	23	50	12.9	56.1	14.4	62.6	14.1	61.3
Informational Text	23	50	12.4	53.9	14.2	61.7	13.5	58.7

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 3
 SAU: MSAD 55
 School: Baldwin Consolidated School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	16	0	0	6	38	7	44	3	19	342	83	5	55	35	5	346	13586	2	62	30	7	344
Ethnicity																						
African American/Black	0										0						384	1	42	39	18	339
American Indian or Native Alaskan	0										1						113	2	50	42	5	343
Asian or Pacific Islander	1										1						203	1	60	31	8	344
Hispanic	0										0						158	1	52	36	11	342
Caucasian/White	15	0	0	6	40	7	47	2	13	343	81	5	56	36	4	346	12728	2	63	29	7	345
Not Reported	0										0						0					
Identified disability																						
Yes	3										17	0	24	65	12	340	2210	0	32	48	20	338
No	13	0	0	6	46	5	38	2	15	344	66	6	64	27	3	347	11376	2	68	26	4	346
Current LEP																						
Yes	1										1						348	1	36	45	19	339
No	15	0	0	6	40	7	47	2	13	343	82	5	56	35	4	346	13238	2	63	29	7	344
Economically disadvantaged																						
Yes	6	0	0	2	33	1	17	3	50	339	36	6	44	39	11	344	5450	1	49	39	11	341
No	10	0	0	4	40	6	60	0	0	344	47	4	64	32	0	347	8136	2	71	23	4	346
Migrant																						
Yes	0										0						5	0	80	20	0	343
No	16	0	0	6	38	7	44	3	19	342	83	5	55	35	5	346	13581	2	62	30	7	344
Gender																						
Female	10	0	0	5	50	4	40	1	10	345	54	7	57	33	2	347	6567	3	65	27	5	345
Male	6	0	0	1	17	3	50	2	33	338	29	0	52	38	10	343	7019	1	59	32	8	343
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										15	0	20	80	0	340	2004	0	37	49	14	339
No	16	0	0	6	38	7	44	3	19	342	68	6	63	25	6	347	11582	2	66	26	6	345
Gifted/talented program																						
Yes	0										1						125	11	87	2	0	355
No	16	0	0	6	38	7	44	3	19	342	82	4	56	35	5	345	13461	2	62	30	7	344

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 3
SAU: MSAD 55
School: Baldwin Consolidated School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	13 80 0 7	0 0 0 0	0 0 0 0	0 6 0 0	0 50 0 0	1 5 0 0	50 42 0 0	1 1 0 1	50 8 0 100	334 345 330	3 73 23 3	0 5 6 0	0 59 61 0	50 33 33 50	50 3 0 50	334 346 347 335	6 79 12 3	0 2 2 0	43 65 60 32	39 28 31 44	18 5 7 24	340 345 344 338
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	20 47 20 13	0 0 0 0	0 0 0 0	2 3 1 0	67 43 33 0	1 2 2 1	33 29 67 50	0 2 0 1	0 29 0 50	347 343 343 334	25 51 18 6	10 5 0 0	50 63 57 20	40 27 36 60	0 5 7 20	347 347 344 338	29 48 15 8	3 2 1 0	62 67 56 44	28 27 34 40	7 4 9 16	345 345 343 340
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	20 67 13 0	0 0 0 0	0 0 0 0	1 4 1 0	33 40 50 0	0 5 1 0	0 50 50 0	2 1 0 0	67 10 0 0	337 343 345 337	41 49 9 1	9 3 0 0	63 54 57 0	22 38 43 100	6 5 0 0	348 345 346 338	42 46 10 2	3 1 0 0	67 62 48 30	24 32 42 43	6 5 10 28	346 344 341 336
How hard was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	47 20 33	0 0 0	0 0 0	3 2 1	43 67 20	3 1 2	43 33 40	1 0 2	14 0 40	343 348 338	34 46 20	0 8 6	56 67 38	41 25 38	4 0 19	345 347 343	22 57 21	1 2 1	48 68 61	38 26 30	12 4 8	341 346 344
How hard were the reading passages on this test? A. Most of the passages were harder than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	20 53 27	0 0 0	0 0 0	0 4 2	0 50 50	2 3 1	67 38 25	1 1 1	33 13 25	335 345 343	23 55 22	0 5 12	28 67 65	61 26 18	11 2 6	340 347 349	20 51 29	0 2 3	38 68 69	47 27 23	16 4 6	339 345 346
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	27 60 7 7	0 0 0 0	0 0 0 0	1 4 1 0	25 44 100 0	2 3 0 1	50 33 0 100	1 2 0 0	25 22 0 0	340 343 350 338	20 68 8 5	13 4 0 0	50 59 50 50	31 33 33 50	6 4 17 0	347 346 344 344	19 47 19 14	3 2 1 0	65 68 56 47	27 25 35 40	6 5 8 12	346 346 343 341
How many pages do you read in school and to complete homework assignments? A. five or fewer pages B. six to ten pages C. eleven or more pages	7 21 71	0 0 0	0 0 0	0 2 4	0 67 40	0 0 5	0 0 50	1 1 1	100 33 10	330 343 344	13 28 59	0 0 9	60 68 50	30 23 39	10 9 2	345 345 346	28 23 49	1 1 2	56 63 65	33 29 27	9 7 6	343 344 345
Optional school/SAU question A. B. C. D.	50 0 50 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	1 1 1 1	100 33 100 100	330 343 330 330	50 25 25 0	0 0 0 0	50 0 0 0	0 0 0 0	50 100 100 100	339 330 330 330						

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 3
SAU: MSAD 55
School: Baldwin Consolidated School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 361–380)	2005-2006	1	5	5	5	1295	9
	2006-2007	2	9	8	8	1985	14
	2007-2008	0	0	13	16	2277	17
	Cum. Total*	3	5	26	10	5557	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 341–360)	2005-2006	11	58	43	47	6852	49
	2006-2007	8	36	53	54	6990	51
	2007-2008	6	38	39	47	6764	50
	Cum. Total*	25	44	135	49	20606	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 325–340)	2005-2006	5	26	34	37	4081	29
	2006-2007	8	36	31	32	3673	27
	2007-2008	8	50	27	33	3504	26
	Cum. Total*	21	37	92	34	11258	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 300–324)	2005-2006	2	11	10	11	1638	12
	2006-2007	4	18	6	6	1193	9
	2007-2008	2	13	4	5	1044	8
	Cum. Total*	8	14	20	7	3875	9

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	15	31	6.8	45.3	8.8	58.7	9.2	61.3
Cluster 2: Shape and Size	14	29	8.7	62.1	10.4	74.3	10.0	71.4
Cluster 3: Mathematical Decision Making	5	10	2.5	50.0	3.3	66.0	3.2	64.0
Cluster 4: Patterns	14	29	8.2	58.6	8.8	62.9	9.0	64.3

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 3
 SAU: MSAD 55
 School: Baldwin Consolidated School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	16	0	0	6	38	8	50	2	13	338	83	16	47	33	5	347	13589	17	50	26	8	347
Ethnicity																						
African American/Black	0										0						390	10	30	32	28	337
American Indian or Native Alaskan	0										1						113	7	45	38	10	342
Asian or Pacific Islander	1										1						204	18	48	25	9	347
Hispanic	0										0						159	6	50	31	13	342
Caucasian/White	15	0	0	5	33	8	53	2	13	338	81	16	46	33	5	347	12723	17	50	25	7	348
Not Reported	0										0						0					
Identified disability																						
Yes	3										17	6	35	53	6	341	2208	6	35	37	21	338
No	13	0	0	6	46	6	46	1	8	340	66	18	50	27	5	349	11381	19	53	24	5	349
Current LEP																						
Yes	1										1						357	8	29	37	26	336
No	15	0	0	5	33	8	53	2	13	338	82	16	46	33	5	347	13232	17	50	25	7	348
Economically disadvantaged																						
Yes	6	0	0	2	33	3	50	1	17	337	36	11	47	33	8	345	5452	9	45	33	12	343
No	10	0	0	4	40	5	50	1	10	339	47	19	47	32	2	349	8137	22	53	21	4	350
Migrant																						
Yes	0										0						5	0	40	40	20	337
No	16	0	0	6	38	8	50	2	13	338	83	16	47	33	5	347	13584	17	50	26	8	347
Gender																						
Female	10	0	0	3	30	6	60	1	10	337	54	17	43	35	6	346	6565	15	49	27	8	347
Male	6	0	0	3	50	2	33	1	17	341	29	14	55	28	3	350	7024	18	50	24	7	348
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										15	13	20	53	13	341	2004	5	39	41	15	339
No	16	0	0	6	38	8	50	2	13	338	68	16	53	28	3	348	11585	19	52	23	6	349
Gifted/talented program																						
Yes	0										1						125	70	30	0	0	366
No	16	0	0	6	38	8	50	2	13	338	82	15	48	33	5	347	13464	16	50	26	8	347

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 3
SAU: MSAD 55
School: Baldwin Consolidated School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	13	0	0	1	50	1	50	0	0	335	3	0	50	50	0	335	6	9	40	33	18	340
B. less than one hour	80	0	0	4	33	7	58	1	8	338	73	14	47	36	3	347	79	18	52	24	6	348
C. one to two hours	0										23	28	39	28	6	350	12	16	48	27	8	347
D. more than two hours	7	0	0	0	0	0	0	1	100	324	3	0	50	0	50	335	3	7	26	37	29	335
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	40	0	0	2	33	4	67	0	0	338	34	19	37	41	4	348	37	22	50	22	6	350
B. They match some of what I have learned.	47	0	0	2	29	3	43	2	29	335	52	17	49	27	7	347	46	16	53	25	6	348
C. They match just a little of what I have learned.	7	0	0	0	0	1	100	0	0	328	10	13	38	50	0	342	12	9	44	36	11	342
D. There is no match.	7	0	0	1	100	0	0	0	0	350	4	0	100	0	0	350	5	5	32	36	27	336
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	27	0	0	2	50	2	50	0	0	341	30	21	50	29	0	349	39	25	48	20	7	350
B. good	67	0	0	3	30	5	50	2	20	335	62	12	43	37	8	345	46	14	52	27	7	347
C. fair	7	0	0	0	0	1	100	0	0	340	8	33	33	33	0	351	12	8	49	35	9	343
D. poor	0										0						3	2	34	36	29	335
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	27	0	0	1	25	3	75	0	0	337	23	11	22	61	6	341	17	7	41	35	17	340
B. about the same as my regular schoolwork	33	0	0	2	40	1	20	2	40	337	58	24	48	22	7	350	59	18	53	24	5	349
C. easier than my regular schoolwork	40	0	0	2	33	4	67	0	0	337	20	0	63	38	0	344	25	21	49	23	8	349
How often do you use hands-on materials in mathematics class?																						
A. almost every day	14	0	0	1	50	1	50	0	0	344	24	5	68	21	5	346	32	13	47	30	10	345
B. two or three days a week	43	0	0	2	33	3	50	1	17	337	42	18	36	42	3	346	30	20	52	23	5	349
C. two or three times each month	21	0	0	2	67	1	33	0	0	343	23	22	44	28	6	349	19	20	53	21	6	350
D. never or almost never	21	0	0	0	0	2	67	1	33	329	11	22	33	33	11	347	18	16	50	27	8	347
How often do you use calculators in mathematics class?																						
A. almost every day	7	0	0	1	100	0	0	0	0	342	3	0	50	0	50	330	7	5	34	40	20	338
B. two or three days a week	0										0						18	15	50	27	8	346
C. two or three times each month	47	0	0	2	29	4	57	1	14	337	23	6	44	39	11	342	28	21	53	21	4	350
D. never or almost never	47	0	0	2	29	4	57	1	14	336	75	20	45	33	2	349	47	17	50	25	7	347
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	7	0	0	1	100	0	0	0	0	342	10	13	50	38	0	347	16	8	42	36	13	342
B. 30–45 minutes	7	0	0	0	0	0	0	1	100	318	23	17	56	17	11	348	30	14	53	26	7	347
C. 45–60 minutes	29	0	0	2	50	2	50	0	0	345	41	16	41	41	3	346	32	22	51	22	5	350
D. more than 60 minutes	57	0	0	1	13	6	75	1	13	334	27	19	38	38	5	346	22	20	49	23	7	349
Optional school/SAU question																						
A.	50	0	0	1	100	0	0	0	0	342	50	0	100	0	0	348						
B.	0										25	0	100	0	0	344						
C.	50	0	0	0	0	0	0	1	100	324	25	0	0	0	100	324						
D.	0										0											